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TITLE: Preparation of gelatin carriers for immobilized enzymes
INVENTOR(S): Yamamoto, Yoshe
PATENT ASSIGNEE(S): Japan Vilene Co Ltd, Japan
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AB An enzyme carrier is prepd. which is comprised of reinforced gelatin gel that contains enzyme and the gel is further covered with a crosslinked gelatin shell. The carrier is prepd. by gelation of a mixt. of gelatin colloid soln., enzymes, and a substance for reinforcement, followed by crosslinking the outer layer of the gel. The prepn. protects the enzyme activities reside in the non-crosslinked gel by crosslinked shell and thus ensures repetitive use. Prepn. of the glucoamylase-contg. gelatin carrier was shown.